

1. An absolute position detecting device for a linear actuator having a motor, an output shaft, and a conversion means for converting output rotation of the motor to linear motion of the output shaft, comprising:

a linear absolute sensor that detects an absolute linear position within a set range of movement of the output shaft; and,

the range of movement of the output shaft over which the absolute linear position can be detected by the linear absolute sensor is different from a distance by which the output shaft is moved per rotation of the motor as converted by the conversion means.

2. The device according to claim 1, wherein the rotational absolute sensor is a motor control encoder affixed to the motor output shaft.